

*File Return & controls*

LOCKHEED AIRCRAFT CORP.		ENGINEERING STUDY <input checked="" type="checkbox"/>		CHANGE PROPOSAL <input checked="" type="checkbox"/>		LAC - 30				
DATE 5-21-59		AFFECTS : WSPO <input checked="" type="checkbox"/>		PROJECT <input checked="" type="checkbox"/>						
NAME OF MAJOR COMPONENT AIRPLANE		PART OR LOWEST SUBASSEMBLY SYSTEM IV		PART NO. & MODEL OR TYPE						
TITLE OF PROPOSAL : SYSTEM IV ELECTRICAL INTERFERENCE INVESTIGATION										
<p>NATURE OF PROPOSAL :</p> <p>1. TO CONDUCT ELECTRONIC NOISE PROGRAM AT E.A.F.B. WITH REGARD TO SYSTEM IV. A/C 387<sup>1</sup> WHICH WILL BE USED IN THIS INVESTIGATION WILL ARRIVE AT E.A.F.B. 8 JUNE 1959 FOR FUEL VENT AND OXYGEN MODIFICATION. ON COMPLETION OF MODIFICATIONS BY 22 JUNE (INCLUDING REMOVAL OF ASN-6 &amp; RADAN BY LAC IN COMPLIANCE WITH SB 396) THE NOISE PROGRAM IS TO BE STARTED. ESTIMATED TIME TO COMPLETE PROGRAM IS 6 WEEKS.</p> <p>2. AS AN INTERIM FIX LAC IS RELEASING SERVICE BULLETIN 398 FOR SHIPS 370, 374 AND 376, 434. THIS BULLETIN REDUCES INVERTER AND AUTOPILOT NOISE AFFECTING SYSTEM IV. SEE COPY ATTACHED.</p> <p>3. LAC AND EQUIPMENT MANUFACTURERS TO ORIGINATE SERVICE BULLETINS AS REQUIRED AT THE CONCLUSION OF THE NOISE PROGRAM TO ELIMINATE ALL POSSIBLE INTERFERENCES.</p>										
<p>REASON FOR PROPOSAL :</p> <p>SYSTEM IV IS PICKING UP ELECTRICAL NOISE GENERATED BY ITSELF, THE AIRCRAFT, TRACKER, AND OTHER EQUIPMENT. SATISFACTORY OPERATION REQUIRES ISOLATION AND ELIMINATION OF ALL POSSIBLE INTERFERENCES.</p>										
<p>REFERENCE LETTER FROM THE WSPO TO <span style="border: 1px solid black; padding: 0 20px;"> </span> DATED 13 MAY 1959. STATINTL</p> <p>REFERENCE HQS. MSG 8915 DATED 21 MAY 1959.</p>										
ES		ESTIMATED COST AND TIME INVOLVED : SEE PAGE 2 for Cost Estimates & Schedule.								
		ADDITIONAL FUNDING REQUIRED : None (SP-1918)								
CP		ESTIMATED COST FOR KITS OR PARTS : SEE PAGE 2 for Cost Estimates.								
		ADDITIONAL FUNDING REQUIRED : None (SP-1917)								
ITEMS AFFECTED BY PROPOSAL :										
SAFETY	MISSION EFFECTIVENESS	PERFORMANCE	OPERATING PROCEDURE	INTER-CHANGEABILITY	WEIGHT OR WEIGHT & BALANCE	TOOLS & SUPPORT EQUIPMENT	MAINTENANCE PROCEDURE	SERVICE LIFE	FLIGHT MANUAL	MAINTENANCE MANUAL
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EST. MAN/HR. REQ'D. TO ACCOMPLISH CHANGE IN FIELD -										
SOURCE OF PARTS FOR KIT LAC					AVAILABILITY <del>-----WEEKS AFTER APPROVAL-----</del> SB 398 KITS SHIPPED DIRECT TO LAFB APPROX. 15 MAY 1959					
DISPOSITION OF SPARES AFFECTED None								STATINTL		
INITIATED BY : WSPO					APPROVED : WSPO					

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I. Cost Estimate - Noise Interference Investigation

To conduct a study of approx. 6 weeks duration including one full-time LAC Flight test radio engineer and approx. 6 low flights and 2 high flights. Includes compliance with Service Bulletin 396. Includes coordination with various equipment vendors. Includes any necessary instrumentation and returning aircraft to original configuration (except for deletion of ASN-6 and Radan) prior to re-delivery to FOG.

Estimated Cost chargeable to SP-1918 \$ 17,750.00

These costs may be split between Customers No. 1 and No. 2 on a 50-50 basis if desired.

Note: No costs have been included in this estimate for R-W or other equipment vendors.

II. Schedule - Noise Interference Investigation

A/C 387 arrives at EAFB for mod	8 June 1959
Completion of mod program	22 June 1959
Estimated completion of noise study	3 Aug. 1959
Re-delivery to FOG	10 Aug. 1959

III. Cost Estimate - SB 398 "Interim Fix" Kits

Kit cost \$40.00 each x 3 kits - \$120.00 charged to Contract SP-1917 for Customer No. 2.

Kit cost \$40.00 each x 1 kit charged to SP-1917 for Customer No. 1.

Additional Kit cost \$40.00 each.

Note: No cost estimate is included for other service bulletin fixes that may be forthcoming as the result of these tests.

STATINTL

*12 additional kits per [ ] 10 June 59*